

RESEARCH and PUBLICATIONS

Dept. of Speech Language and Hearing Sciences

Sri Ramachandra University

Porur, Chennai 600 116

India

PUBLICATIONS

International Journals

1. Samuel, J., Shenbagavalli, M., Subramaniyan, B., Boominathan, P., & Arunachalam, R. (In press; accepted for publication on 23/07/2011). Stroboscopic and multiparametric voice analysis in Indian adult males after vocal loading task. *International Journal of Phonosurgery and Laryngology*.
2. Vidya, R. (2011). Building on Infrastructure In: Plugging into technology brings hearing care to developing nations. *The Hearing Journal*, 64 (9), 24-25.
3. Vidya, R., & Rangasayee, R. (2010). Studying tinnitus in ICF framework. *International Journal of Audiology*, 43(9), 645-650.
4. Scherer, R.C., Radhakrishnan, N., Boominathan, P., & Tan, H. (2008). Rate of change of Fo in performance singing. *Journal of Acoustical Society of America*, 123(5), 3379.
5. Boominathan, P., Anitha, R., Nagarajan, R., Jayashree, S., & Gnanasekar, M. (2008). Vocal hygiene practices among different levels of professional voice users. *Asia Pacific Journal of Speech Language and Hearing*, 11 (1), 47-53.
6. Boominathan, P., Divya, C., Nagarajan, R., Zainab, M., & Anusha, R. (2008). Vocal hygiene awareness program for professional voice users (Teachers): An evaluative study from Chennai. *Asia Pacific Journal of Speech Language and Hearing*, 11 (1), 39-45.
7. Boominathan, P. (Spring 2006). Why are multicultural studies on singing voice relevant? *ASHA Kiran, Asian chapter of American Speech Language and Hearing Association*, 5.
8. Nagarajan, R., Murthy, J., & Raman, S. (2005). Providing speech and language services for individuals with cleft lip and palate in India: The challenge. *Cleft Journal*, 1 (1), 14-16.

9. Raman, S., Jacob, M., Jacob, M.S., & Nagarajan, R. (2004). Providing intervention strategies for communication deficits associated with cleft lip and/or palate: A retrospective analysis. *Asia Pacific Disability Rehabilitation Journal*, 15 (2), 122-126.
10. Boominathan, P., Nadiya, N., & Suganya, V. (2004). Correspondence between vocal intensity and listener's estimation of perceived nasality in cleft palate speech. *Saudi Journal of Disability and Rehabilitation*, 10 (1), 17-22.
11. Raman, S., & Nagarajan, R. (2004). Providing intervention strategies for communication deficits associated with cleft lip and palate: A retrospective analysis. *Asia Pacific Disability Rehabilitation Journal*, 15 (2).
12. Boominathan, P. (2004). Word stress: Can adults with repaired cleft lip and palate use them? *Proceedings of the 3rd Annual Meeting and International Update: Indian Society of Cleft Lip Palate and Craniofacial Anomalies*.
13. Boominathan, P., Dheepa, D., & Smitha, R. (2003). Stuttering in the visually impaired- An atypical group: Status Report. *Asia Pacific Disability Rehabilitation Journal*, 14 (1), 79.
14. Linda, D., & Nagarajan, R. (2003). Use of a consensus building approach to plan speech services for children with cleft palate in India. *Folia Phoniatrica et Logopaedica*, 55, 306-313.
15. Boominathan, P., Verghese, S.S., & Dhanaraj, G.E. (2002). Temporal dynamics in sound/syllable repetitions of stutterers and normal non-fluency children: A pilot investigation in Tamil. *Asia Pacific Disability Rehabilitation Journal*, 13 (1), 29-37.
16. Nagarajan, R. (2000). Development of rehabilitation services for the hearing impaired in India. *Saudi Journal of Disability and Rehabilitation*, 6 (1), 38-44.

National Journals

1. Boominathan, P., Mahalingam, S., Samuel, J., Babu, D., & Nallamuthu, A. (*In press; accepted for publication on 14/12/2011*). Voice characteristics of elderly college teachers – A pilot study. *Journal of Laryngology and Voice*.
2. Boominathan, P., Samuel, J., Arunachalam, R., Nagarajan, R., & Mahalingam, S. (*In press; accepted for publication on 02/12/2011*). Multiparametric voice assessment: Sri Ramachandra University protocol. *Indian Journal of Otolaryngology Head & Neck Surgery*.

3. Vidya, R., & Swetha, S. (*In press; accepted for publication on 23/09/2011*). Validity and Reliability of Tinnitus Handicap Inventory in Tamil. *Journal of Indian Speech and Hearing Association*.
4. Savitha, V.H., Boominathan, P., & Svetha, V. (2011). Characterization and genetic model fitting in Tamil speaking individuals with stuttering. *Journal of Indian Speech and Hearing Association*, 25(1), 9-20.
5. Ganapathy, S. H & Basavaraj, V., (2010). The effect of bone vibrator coupling force in bone conduction ABR. *Journal of Indian Speech and Hearing Association*, 24(2), 90-94.
6. Boominathan, P., Anitha, R., Mahalingham, S., & Dinesh, G. (2010). Voice characteristics and recovery patterns in Indian adult males after vocal loading task. *Journal of All India Institute of Speech and Hearing*, 29(2), 220-231.
7. Boominathan, P., Chandrasekhar, D., Ravi, S., & Krupa, M. (2009). Impact of 'vocal hygiene awareness programme' in professional voice users (Teachers). *Journal of Indian Speech and Hearing Association*, 23, 10-18.
8. Boominathan, P., Shekinah, P., Saju, E., & Gunasekaran, N. (2009). Vocal and non-vocal habits, practice methods & vocal technical difficulties in choral singers (children). *Proceedings of the Frontiers of Research in Speech and Music*, 91-95.
9. Boominathan, P., Scherer, R. C., Bellur, R., Arunachalam, R., & Nagarajan, R. (2009). Fo structure in Carnatic gamakam. *Proceedings of the Frontiers of Research in Speech and Music*, 144-147.
10. Nagarajan, R., Savitha, V. H., & Subramaniyan, B. (2009). Communication disorders in individuals with cleft lip and palate: An overview. *Indian Journal of Plastic Surgery*, 42.
11. Nagarajan, R., Delcy, J., Balakuthalingam, P., & Ninan, B. (2008). Establishment and evaluation of new born hearing screening program at a corporate hospital. *Journal of Indian Speech and Hearing Association*, 22, 17-24.
12. Paulene, S., & Boominathan, P. (2008). Disfluencies in normal 3-4 year old Tamil speaking children. *Journal of Indian Speech and Hearing Association*, 22, 114-120.
13. Savitha, V.H., Balakrishnan, L.N., Shumitha, J., & Subha, S. (2008). Fluency profile in Tamil speaking individuals with Down's syndrome: A preliminary study. *Journal of Indian Speech and Hearing Association*, 22, 95-101.

14. Karthu, S., Vidya, R., Roopa, N., Mathew, A. (2007). A profile of the attributes of tinnitus among individuals with tinnitus. *Journal of Indian Speech and Hearing Association*, 21 (1), 21-23.
15. Perumal, R.C., Sundeep, V., & Reethee, A.M. (2007). Communicative and cognitive performances of an individual with right hemisphere damage. *Sri Ramachandra Journal of Medicine*, 1, 44-47.
16. Boominathan, P., Jayashree, S., & Muthukumaran, G. (2007). Vocal hygiene practices among different levels of professional voice users. *Proceedings of the Frontiers of Research in Speech and Music*, 19-24.
17. Boominathan, P., Zainab, M., & Rajan, A. (2007). Vocal hygiene awareness program for professional voice users (teachers): An evaluative study from Chennai. *Proceedings of the Frontiers of Research in Speech and Music*, 116-120.
18. Boominathan, P., & Krishnan, S. (2007). Pulmonary function and aerodynamic measures of glottal efficiency in trained Carnatic singers before and after singing. *Proceedings of the Frontiers of Research in Speech and Music*, 186-190.
19. Boominathan, P., Jayashree, S., & Muthukumaran, G. (2007). Vocal hygiene practices among different levels of professional voice users. *Proceedings of the Frontiers of Research in Speech and Music*, 19-24.
20. Vidya, R., Karthu, S., Mathew, A. (2006). Efficacy of tinnitus retraining therapy and educative counselling in the management of Tinnitus. *Journal of Indian Speech and Hearing Association*, 20 (2), 41-46.
21. Divya, C., & Tanushree, S. (2006). Acoustics of whisper. *Journal of Indian Speech and Hearing Association*, 20.
22. Boominathan, P., Madhavan, A., & Ravi, S. (2006). Experimental verification of "aadhara shruthi" in trained Carnatic singers. *Proceedings of the Frontiers of Research in Speech and Music*, 49-53.
23. Boominathan, P., Madhavan, A., & Ravi, S. (2006). Singing frequency range in trained Carnatic singers. *Proceedings of the Frontiers of Research in Speech and Music*, 65-70.
24. Boominathan, P., & Smitha, R. (2006). Stuttering in the visually impaired. *Proceedings of the National Level Ophthalmology Conference*.
25. Rajapandian, S., & Mathew, A. (2005). Speech identification in noise with single, dual and multimicrophone technology Digital Hearing Aids: A Preliminary Study. *The Journal of the Indian Speech and Hearing Association*, 19.

26. Anitha, R., & Manjula, P. (2005). Effect of multi-talker babble on speech identification scores in Kannada speaking children. *Journal of Indian Speech and Hearing Association*, 19, 6-10.
27. Boominathan, P. (2005). Characteristics required for singing: Observations from south Indian Classical singers. *Proceedings of the Seminar on Professional Voice care, AIISH- RCI CRE*.
28. Sowparnika, S., Matthew, A., Lavanya, C., & Teena, P. (2004). Self concept in adolescents with cerebral palsy and normals: A comparative study. *Journal of the Indian Speech and Hearing Association*, 19.
29. Boominathan, P., & Ravi, S. (2004). Profile of vocal and non vocal habits of light music singers. *Journal of ITC Sangeet Research Academy*, 19 (5), 1-12.
30. Boominathan, P. (2004). Do Carnatic singers have singer's formant? - An Exploratory Study. *Proceedings of the Frontiers of Research in Speech and Music*, 22-26.
31. Perumal, R.C., & Pushapavathy, M. (2004). Voice initiation time and voice termination time in children with stuttering and normal children. *Journal of Indian Speech and Hearing Association*, 19.
32. Boominathan, P., Nagarajan, R., Neelakantan, S., & Krishnan, S. (2004). A Profile of the vocal and non vocal habits of Carnatic singers. *Journal of ITC Sangeet Research Academy*, 18(1), 77-88.
33. Jacob, M., Jacob, M.S., Raman, S., & Nagarajan, R. (2003). Providing intervention services for communication deficits associated with cleft lip and/ or palate: A retrospective analysis. *Journal of the Indian Speech & Hearing Association*, 17, 61-65.
34. Boominathan, P. (2003). Acoustic measures in the speech of children with stuttering and normal non fluency: A key to differential diagnosis. *Proceedings of Technical sessions on Speech Language Processing Conducted by the Tata Institute of fundamental Research*, 49-58.
35. Boominathan, P., & Bharath, C. (2003). Effects of restricting hand gestures on speech performance: A preliminary investigation. *The Journal of Indian Speech and Hearing Association*, 17, 49-52.
36. Dheepa, D., Smitha, R., & Boominathan, P. (2003). Stuttering in the visually impaired: An atypical groups. *The Journal of Indian Speech and Hearing Association*, 17, 56-60.
37. Boominathan, P. (2002). Production of labial co-articulation in Tamil: Some acoustical insights. *Proceedings of National seminar on Co- articulation in Indian*

languages, Central Institute of Indian Languages and All India Institute of Speech and Hearing.

38. Boominathan, P., & Raman, S.V. (2002). Production of emphatic stress in adults with repaired cleft lip and palate: Some acoustic aspects. *Proceedings of the VIII Technical session of the Madras India Regional Chapter of the Acoustical Society of America*, 158-165.
39. Paulene, S. & Boominathan, P. (2002). Spectral density in choral singers. *Proceedings of the VIII Technical session of the Madras India Regional Chapter of the Acoustical Society of America*, 145-150.
40. Boominathan, P., & Jacob, S. (2001). Prosodic errors in stuttering: Contributions to covert repair hypothesis. *The Journal of Indian Speech and Hearing Association*, 15(1), 57-63.
41. Xavier, D., & Boominathan, P. (2001). Perceptual cues to speaker identification. *The Journal of Acoustical Society of India*, 29 (1), 418-423.
42. Jacob, S., & Boominathan, P. (2001). Perception of emphatic stress in patients with left hemisphere damage. *The Journal of Indian Speech and Hearing Association*, 15(1), 64-69.
43. Boominathan, P. (2001). Normal, reverse and esophageal phonation: An acoustic comparison. *Journal of The Acoustical Society of India*, 29 (1), 234-239.
44. Nagarajan, R. (2001). Noise: Sources and health effects. *In Proceedings of seminar conducted by Tamil Nadu Pollution Control Board*.
45. Vasanthi, A. (2001). Delayed speech and language- A myth? *Journal of Indian Speech and Hearing Association*, 15(1), 85-90.

Books/ Chapters Published

1. Nagarajan, R., Boominathan, P. & Perumal, R.C. (In press). *Speech therapy: An overview*. In Textbook on Paediatric Therapeutics.
2. Sell, D., Nagarajan, R., & Wickenden, M. (2011). *Cleft palate speech in the majority world: Models of intervention and speech outcomes in diverse Cultural and Language Contexts*. In Cleft Palate Speech: Assessment and Intervention.
3. Boominathan, P. (2010). Voice therapy: A self instructional DVD for teachers and singers. Chennai: Swathi's Sanskriti Series. ©Swathi soft solutions.

4. Durga, S.A.K. & Boominathan, P. (2010). Saareera Sadhana. DVD. Chennai: Swathi's Sanskriti Series. ©Swathi soft solutions.
5. Hall, W.J., Anuradha B., Vidya, R., & Neha, C. (2010). *Electrophysiological measures such as LLR and ALR in testing pediatric population*. In Comprehensive Handbook of Pediatrics Audiology. San Diego: Plural Publishers.
6. Boominathan, P. (2010). *Assessment of elite professional voices (Singers) (pp.22-46)*. In Professionals Voice: Assessment and Management. Mysore: AIISH publications.
7. Boominathan, P. (2008). *Assessment of Professional Voice (pp.77-101)*. In Voice: Assessment and Management. Mysore: AIISH publications.
8. Chandrasekhar, D. (2008). *Methods to improve voice quality*. In Voice: Assessment and Management. Mysore: AIISH publications.
9. Nagarajan, R. (2007). *Childhood communication disorders*. In Partha's Fundamentals of Pediatrics. New Delhi: Jaypee Publishers.
10. Boominathan, P. (2007). *Assessment of fluency in children (pp.1-10)*. In Assessment and Management of Fluency Disorders. Mysore: AIISH publications.
11. Nagarajan, R. (2004). *Childhood communication disorders*. In Selected Topics in Pediatrics for Medical students. New Delhi: Jaypee Publishers.
12. Boominathan, P. (2004). *Acoustic Measures in the Assessment of Fluency Disorders- Focus on Indian Studies: Methods & Perspectives in current perspectives*. In Assessment and Management of Fluency Disorders. Mysore: AIISH publications (in association with ICMR).
13. Savitha, V.H. (2004). *Efficacy measures in stuttering therapy*. In Current Perspectives in Assessment and Management of Fluency Disorders. Mysore: AIISH publications (in association with ICMR).
14. Nagarajan, R. (2001). *Selection and fitting of Amplification Devices for Children*. In Balavidyalaya Anniversary Souvenir.

Professional and public education materials (CDs/DVDs/booklets) developed:

1. Manual for training village health workers in OAE screening
2. Cleft type speech errors: Listening training CD
3. CD in Tamil on 'How to do DPOAE screening for newborns' to train health workers

4. CD in Tamil on 'How to do TEOAE screening for newborns' to train nurses
5. CD in Tamil on 'Principles of speech therapy for individuals with cleft lip and palate'
6. Care for your voice
7. Life bound up in words: Stuttering
8. Facts about stroke and aphasia (translation in Tamil), Rathnasagar Pvt. Ltd
9. A guide for better speech (A resource manual for parents / caregivers of individuals with cleft lip and/or palate) in English and Tamil, Smile Train, USA.

PROJECTS:

1. **"Comprehensive management of communication disorders in individuals with cleft lip and palate" – Phase III**

Funding Agency: Transforming Faces Worldwide (TFW), Canada

Project Director: Mr. B. Subramaniyan, Assistant Professor, Dept. of SLHS

Speech Therapist: Mr. Biji Thomas

Description: This one of a kind service project aims to reach speciality services (speech therapy and orthodontic) to individuals with cleft lip and palate in rural areas. The project is designed to empower the community based workers and governmental/ non-governmental organizations to facilitate linkages and services at the grass root level. Since 2005, 300 individuals with cleft lip and palate at the Thiruvannamalai district have benefitted through phases I and II of the project. The third phase of the project aims at expanding the services to Cuddalore and Villupuram districts in Tamilnadu.

2. **"Sri Ramachandra University – Smile Train Cleft Speech Training Initiative (SRUSTI)"**

Funding Agency: Smile Train, USA

Project Director: Prof. Roopa Nagarajan, Course Chairperson, Dept. of SLHS

Project Coordinator: Ms. Savitha V.H., Reader, Dept. of SLHS

Speech Therapist: Ms. Navitha U.

Description: This project focuses on capacity building for providing speech services for individuals with cleft lip and palate through sensitization, training and mentorship of speech language pathologists (SLPs). The objective of the project is to facilitate the development of speech services and promotion of team care in Smile

Train partner centres across India. As on December 2011, this project has trained more than 20 SLPs and mentored around 15 cleft centres in places including Mt.Abu, Lucknow, Madurai, etc.

3. “New born hearing screening using tele-audiology: A quasi experimental study”

Funding Agency: Indian Council of Medical Research (ICMR), New Delhi

Equipment support: GSI, USA

Principal investigator: Dr. K. Selvakumar, HOD, Dept. of Neurosurgery, SRU

Co-investigators: Prof. Roopa Nagarajan & Ms. Vidya Ramkumar, Dept. of SLHS

Description: This project investigates the utility of tele-technology for providing followup diagnostic services (ABR) for children referred by a community based new born hearing screening program. Trained community workers carry out OAE screening at Thirukazhukundram and Madhurantagam villages in Kancheepuram district of Tamil Nadu. Diagnostic ABR is carried out by the Audiologist via Tele-link for babies referred in Thirukazhukunram and face-to-face at Department of Speech, Language and Hearing Sciences for babies referred in Madurantagam. The outcome in these two blocks will be evaluated.

Ph.D. Research (part time) – On-going

1. Association of high risk factors and hearing impairment in infants – A hospital based study

Candidate: Heramba Ganapathy S.

Guide: Dr. A. Ravi Kumar, Professor and Head, Dept. of ENT, Head & Neck Surgery, SRU.

Co-guide: Dr. B. Rajashekhar, Professor (Speech & Hearing) & Dean, COAHS, Manipal

Duration: 2007 – 2011

2. Early speech and language development in children with cleft lip and palate: A longitudinal study

Candidate: V.H. Savitha

Guide: Dr. R. Vaidyanathan, Visiting Professor in Linguistics, Dept. of SLHS, SRU

Duration: 2010 – 2014

3. Testing the efficacy of model of delivering speech services for individuals with cleft lip and palate in rural district of Tamil Nadu

Candidate: B. Subramaniyan

Guide: Dr. R. Vaidyanathan, Visiting Professor in Linguistics, Dept. of SLHS, SRU

Duration: 2010 – 2014

4. Efficacy of a tele-audiological model for newborn hearing screening

Candidate: Vidya Ramkumar

Guide: Dr. K. Selvakumar, HOD, Dept. of Neurosurgery, SRU

Co-guide: Dr. Vanaja C.S., Professor & Head, Department of Audiology & Speech Language Pathology, Bharathiyavidyapeeth University, Pune.

Duration: 2010 – 2014

5. Speech sound acquisition and phonological process in typically developing children

Candidate: R.C. Perumal

Guide: Dr. R. Vaidyanathan, Visiting Professor in Linguistics, Dept. of SLHS, SRU

Duration: 2010 – 2014

6. Comprehension of pragmatic structures in typically developing Tamil speaking children

Candidate: Amudhu Sankar

Guide: Dr. R. Vaidyanathan, Visiting Professor in Linguistics, Dept. of SLHS, SRU

Duration: 2010 – 2014

7. A study on quality of life in individuals with oropharyngeal dysphagia

Candidate: Anitha Rajendran

Guide: Dr. Prakash Boominathan, Professor, Dept. of SLHS, SRU

Co-guide: Dr. V. Shankar, Professor, Dept. of Neurology, SRU

Duration: 2011-2015

Completed Ph. D. Research (Part time)

1. Acoustic analysis of the singing voice of trained carnatic singers, untrained light music singers and non-singers

Investigator: Prakash Boominathan

Guide: Dr. B. Rajashekhar, Professor (Speech & Hearing) & Dean, COAHS, MAHE, Manipal

Co-guide: Dr. A. Ravi Kumar, Professor and Head, Dept of ENT, Head & Neck Surgery, SRU.

Duration: 2002 – 2008

Completed Research (Minor projects with grants)

- Prediction of speech intelligibility index through speech identification scores, funded by AIISH research Fund, between 2010 and 2011. (Project Liaison: Heramba Ganapathy)
- Clinical validation of a multi parametric approach to assessment of voice disorders. SRU-GATE project. 2009-10. (Principal Investigator: Prakash Boominathan)

- Comprehensive management of communication disorders in individuals with cleft lip and palate (Phase II), funded by Transforming Faces Worldwide (TFW), Canada between 2008 and 2011. (Project Director: B. Subramaniyan)
- Ornaments in Carnatic singing, funded by USEFI and Fulbright Commission, USA between 2005 and 2006. (Principal Investigator: Prakash Boominathan)
- Comprehensive management of communication disorders in individuals with cleft lip and palate (Phase I), funded by Transforming Faces Worldwide (TFW), Canada between 2005 and 2008. (Project Director: Roopa Nagarajan)
- Noise awareness programs, funded by Office of the State Commissioner for the Differently-abled, Tamil Nadu, every year since 2005. (Project Liaison: Roopa Nagarjan)
- Clinical characterisation and genetic liability to developmental stuttering, funded by ICMR between 2004 and 2008. (Principal co- Investigator: Prakash Boominathan)
- Early intervention program for the hearing impaired, funded by the State Government of Tamil Nadu between 2004 and 2006. (Project Liaison: Roopa Nagarjan)
- Quantification of perceived nasality using nasalance scored in Tamil speakers, funded by Kay Elemetrics, USA in 2004. (Principal Investigator: Sunitha V Raman)

PG Dissertations: Year 2011-2012

S.No.	Title	Guide	Student
1	Comparison of speech evoked FFR in trained Carnatic singers and non-singers	Prof. Roopa Nagarajan	Ms. Divya S.
2	Knowledge on ear and hearing health care among mothers of young children in a rural community	Prof. Roopa Nagarajan	Ms. Meivizhi N.
3	Speech characteristics and voice demands of professional news readers	Prof. Prakash Boominathan	Ms. Nishanthi G.
4	Application of ICF in evaluating the impact of voice disorder	Prof. Prakash Boominathan	Ms. Elizabeth Saju
5	Vowel characteristics and speech intelligibility following glossectomy	Prof. R. Vaidyanathan	Ms. Shirly J.
6	Code switching and code mixing in Telugu -Tamil bilingual children	Prof. R. Vaidyanathan	Ms. Tejaswini K.
7	Conservation analysis in Tamil speaking male children	Prof. R. Vaidyanathan	Ms. Sathya H.

8	Efficacy of training modules to teach clinical video documentation in speech language pathology	Ms. V.H. Savitha	Ms. Ayesha Nazeer
9	Reliability and validity of Tamil translation of hearing handicapped inventory for adults (HHIA)	Mr. Heramba Ganapathy	Mr. Sasikumar S.
10	Quality of communication life in individuals with Broca's aphasia	Mr. R.C. Perumal	Ms. Pallavi J.
11	Perceived dysphagia in individuals with COPD	Ms. Anitha R.	Ms. Sushma Santhosham
12	Acoustic analysis of swallowing sounds in normal	Ms. Anitha R.	Ms. Kumari Sakthiya
13	Pragmatic skills in typically developing Tamil speaking children: A preliminary study	Ms. Amudhu Sankar	Ms. Suganya P.
14	Development of common object token (COT) test in Tamil	Ms. Prathiba Dawson	Mr. Udayan Goswami
15	Studying cleft palate in ICF framework	Mr. B. Subramaniyan	Mr. Sriram Reddy

Year 2010 – 2011

S.No	TITLE	GUIDE	STUDENT	Presented at
1	Speech evoked frequency following response (FFR) in violinists and non-musicians: A comparative study	Prof. Roopa Nagarajan	Ms. Suprabha J.	ISHACON 2012, Hyderabad
2	Efficacy of a hearing conservation program development for young adults	Prof. Roopa Nagarajan	Ms. Aishwarya S.	-
3	Mean length of utterance in Tamil speaking children in the age range of 3-4 years	Prof. R. Vaidyanathan	Ms. Vanitha	-
4	Language status in children with birth asphyxia: A follow up study	Prof. R. Vaidyanathan	Ms. Sharon Viola Shanthini	-
5	Effect of breathing exercises in singing students	Prof. Prakash Boominathan	Ms. Kirthana Ganesh Babu	-
6	A survey of vocal and non-vocal behaviour in kindergarten children	Prof. Prakash Boominathan	Ms. Omera Niyaz Zeenath	ISHACON 2012, Hyderabad
7	Patterns of pre-speech vocalizations in typically	Ms. V.H. Savitha	Ms. Revathee P.	-

	developing infants from Tamil speaking environment			
8	Perceptual analysis of speech in individuals with cleft lip and /or palate after surgical correction of velopharyngeal dysfunction	Ms. V.H. Savitha	Mr. Vijeth Vasudevan	-
9	Development of recorded open set word recognition test in Tamil for children in the age range of 5 - 8.9 years	Mr. S. Heramba Ganapathy	Ms. Krupa V.	-
10	Attitude, knowledge and practices of paediatricians in Chennai towards newborn hearing screening: A survey	Mr. S. Heramba Ganapathy	Ms. Ramya Kapooria	TANISHA CON 2011, Trichy
11	Sentence types in typically developing monolingual and bilingual pre-school children: A comparative study	Mr. R.C. Perumal	Ms. Deepa Yegnaswamy	ISHACON 2012, Hyderabad
12	Semantic skill in typically developing monolingual and bilingual pre-school children: A comparative study	Mr. R.C. Perumal	Ms. Sheeren Farzana	-
13	Comparison of feeding performance in pre-term infants and full-term infants at 40 week post-menstrual age	Ms. Anitha R.	Ms. Gunjan Gupta	ISHACON 2012, Hyderabad
14	Sentence repetition task in typically developing Tamil speaking children	Ms. Amudhu Sankar	Ms. Bhairavi	-
15	Effectiveness of a training program designed for community based resources persons on cleft lip and palate and speech characteristics of individuals with cleft lip and palate	Mr. Subramaniyan B.	Ms. Subha S.	INDOCLEFTC ON 2012, Bangalore

Year 2009 – 2010

S.no	Title	Guide	Student	Presented at
1	Development of a short video film in Tamil on principles of speech therapy for individuals with cleft lip and palate	Prof. Roopa Nagarajan	Ms. Antony Madona Reethee	-
2	Patterns of usage of personal music player among young adults: A survey	Prof. Roopa Nagarajan	Mr. Udhay Singh	-

3	A survey of vocal and non-vocal behaviours in kindergarten children*	Prof. Prakash Boominathan	Ms. Aishwarya Nallamuthu	ISHACON 2011, Kolkata
4	Voice analysis of elderly college teachers*	Prof. Prakash Boominathan	Mr. Dinesh Babu M.V.	-
5	Formants structure of esophageal speech in Tamil: An acoustic analysis	Prof. R. Vaidyanathan	Mr. Kumar Manish	-
6	Impersonator's voice: What do perceptual and acoustic characteristics reveal?	Prof. R. Vaidyanathan	Ms. Kala V.	-
7	Velopharyngeal dysfunction in children with unilateral cleft lip and palate: A follow up study	Ms. V.H. Savitha	Mr. Deepak Sathyanarayana n V.	ACLAPA 2011
8	Concerns of caregivers of children with repaired cleft lip and palate	Ms. V.H. Savitha	Mr. Muthukumaran	INDOCLEFTC ON 2012, Bangalore
9	Effects of cleft palate on speech and language development	Ms. V.H. Savitha	Ms. Sreedhanya P.K.	-
10	Evaluation of the follow up program of new born hearing screening in a tertiary care hospital	Mr. S. Heramba Ganapathy	Mr. Shiv Shankar	CIGICON 2010, Chandigarh
11	Development, validation and efficacy of a valid material in Tamil on how to do OAE screening for newborns	Mr. S. Heramba Ganapathy	Ms. Lekha S. Nair	-
12	Phonological processes in Tamil speaking fluent children and children with stuttering: A comparative study	Mr. R.C. Perumal	Ms. Jisha Peter	ICPCA 2011, York
13	Understanding the concerns of caregivers on the birth of child with CLP: A focus group approach	Ms. Amudhu Sankar	Ms. Arpita Chatterjee	ACLAPA 2011, Perth
14	Acoustic analysis of glottal stop in children with cleft lip and palate	Mr. B. Subramaniyan	Mr. Biji Thomas	INDOCLEFTC ON 2011, Chennai

* Dissertation published (for details, refer to Publication section)

Year 2008 – 2009

S.no	Title	Guide	Student	Presented at
1	Audiological investigation across three generations in a family with history of otosclerosis	Prof. Roopa Nagarajan	Mr. Pradeep Kumar P.	ISHACON 2011, Kolkata
2	Verb and noun morphology in spoken and written language of	Prof. R. Vaidyanathan	Ms. Kavitha C.K.	-

	children with and without learning disability: A study in Tamil			
3	Comprehension deficits in agrammatic aphasics: What passive sentences in Tamil reveal	Prof. R. Vaidyanathan	Ms. Grace Mathew	-
4	Acoustic analysis of Kampitha Gamakam in Anandabhairavi Raagam	Prof. Prakash Boominathan	Ms. Aparna Ramachandran	-
5	Voice disorder outcome profile (VDOP) and dysphonia severity index (DSI): Do they correlate?	Prof. Prakash Boominathan	Ms. Shenbagavalli M.	World Voice Congress, 2010 Seoul
6	Semantic intentions in normally developing children and children with mental retardation	Mr. R.C. Perumal	Ms. Krupa M.	ISHACON, 2010 Bangalore
7	Case markers in Tamil speaking typically developing children and children with Down's syndrome	Mr. R.C. Perumal	Ms. Jayashree S.	ISHACON 2010
8	Assessment and treatment methods in stuttering: A survey among speech pathologists in Tamil Nadu	Ms. Savitha V.H.	Ms. Devaki Micheal	-
9	Mothers' and grandmothers' views on issues related to hearing loss and newborn hearing screening	Mr. Heramba Ganapathy	Ms. Revathy Rajagopalan	APCSLH, 2011, New Zealand

Year 2007 – 2008

S.No	Title	Guide	Student	Presented at
1	Efficacy of resource workers administered stop consonant correction program for individuals with cleft lip and palate: A pilot study	Prof. Roopa Nagarajan	Ms. Karthu S. Nair	ACPA, 2009 Goa
2	Comparison of hearing screening at birth and at immunization	Prof. Roopa Nagarajan	Mr. Rajkumar Thouba	-
3	Speech addressed to visually impaired children	Prof. R. Vaidyanathan	Ms. Hima Bindu	-
4	Linguistic abilities of 4-6 years old Tamil speaking blind children	Prof. R. Vaidyanathan	Mr. Rajesh	-

5	Symptomatology and voice profile in individuals with GERD: A hospital based study	Prof. Prakash Boominathan	Mr. Purushothaman	Voice Foundation annual symposium, 2009 Philadelphia
6	Vocal function exercises (adapted) and breathing exercises in the practice regimen of trained Carnatic singers	Prof. Prakash Boominathan	Ms. Shruthi Ravi	Voice Foundation annual symposium, 2009 Philadelphia
7	Vocal loading test in normal Indian adult males*	Prof. Prakash Boominathan	Mr. Dinesh	Voice Foundation annual symposium, 2009 Philadelphia
8	A profile of phonological process in children with cleft lip and palate*	Mr. R.C. Perumal	Ms. Siva Priya	ICPC 2011
9	Perceptions of the effects of stuttering in the workplace	Ms. Savitha V.H.	Ms. Bryna Morel	-
10	Correlations of direct, indirect and bilirubin-albumin motor ratio with ABR findings in infants with hyperbilirubinemia	Mr. Heramba Ganapathy	Ms. Praveena Davis	ISHACON 2009, Pune

* Dissertation published (for details, refer to Publication section)

Year 2006 – 2007

S.No	Title	Guide	Student	Presented at
1	Audiological findings in Down's syndrome	Prof. Roopa Nagarajan	Ms. Neena Elizabeth Kurain	-
2	Audiological and otological findings in individuals with cleft lip and palate	Prof. Roopa Nagarajan	Ms. Raymol P. Raju	-
3	Speech services for individuals with cleft lip and palate in a rural community: An assessment of needs	Prof. Roopa Nagarajan	Ms. Sherin Anne George	ISHACON 2007, Calicut
4	Acoustic analysis of vowels in Malayalam speakers	Prof. R. Vaidyanathan	Ms. Riamol	-
5	Influence of native language on English on non-native English	Prof. R. Vaidyanathan	Ms. Sarah Kripa	-

	speakers using nasalance measures			
6	Development of consonant clusters in Malayalam speaking normal children (3-6 years)	Prof. R. Vaidyanathan	Ms. Indu Sasikumar	-
7	Language levels in high risk infants : A follow up study	Prof. R. Vaidyanathan	Ms. Kavyachelvi	-
8	A short film in English on vocal hygiene: an efficacy study	Prof. Prakash Boominathan	Ms. Remya Ravi	-
9	A short film in Tamil on vocal hygiene: An efficacy study	Prof. Prakash Boominathan	Ms. Malu Krishnan	-
10	A study on individuals with stuttering from Chennai: Characterization and genetic model fitting*	Prof. Prakash Boominathan	Ms. Svetha	ISHACON 2009, Pune

* Dissertation published (for details, refer to Publication section)

Year 2005-2006

S.No	Title	Guide	Student	Presented at
1	Establishment and evaluation of newborn hearing screening program at a corporate hospital*	Prof. Roopa Nagarajan	Mr. Balakuthalingam	NHSC, 2006 Italy
2	Identification of middle ear disorders in individuals with cleft lip and palate: A comparison of reported case history, otological and immittance findings	Prof. Roopa Nagarajan	Mr. Paul Vijayakumar	-
3	A comparison of ear thresholds with psychophysical T and C levels in individuals using nucleus freedom cochlear implants: A preliminary study	Prof. Roopa Nagarajan	Mr. Ranjith R.	CIGICON 2006, Calicut
4	Quantification of perceived nasality using nasalance scores in Tamil speaking individuals with repaired cleft lip and palate*	Prof. R. Vaidyanathan	Ms. Sunitha Senthilnathan	ACPCAA 2006 Canada
5	A comparative study of pragmatic functions of language in normal and autistic children	Prof. R. Vaidyanathan	Ms. Lavanya R.	-
6	Speech addressed to hearing impaired children: A pragmatic	Prof. R. Vaidyanathan	Mr. Prabhakaran	-

	approach			
7	Syntactic behaviour in Broca's aphasics: A study in Tamil language	Prof. R. Vaidyanathan	Ms. Prathiba Dawson	-
8	Disfluencies in 3-4 year old Tamil speaking children*	Mr. Prakash Boominathan	Ms. Paulene Shekinah	ISHACON, 2007 Calicut
9	A profile of vocal and non-vocal habits of carnatic singers*	Mr. Prakash Boominathan	Ms. Sharadha Neelakantan	-
10	A pulmonary function and global deficiency measures in trained carnatic singers before and after singing*	Mr.Prakash Boominathan	Ms. Sharanya Krishnan	-

* Dissertation published (for details, refer to Publication section)